

# SEARCH REQUEST FORM

59193

125909

Requestor's  
Name:

BERCH

Serial

Number:

03139554C

Date:

6/29/64

Phone:

571-272-0663

Art Unit:

1624

Office

Room 5C01

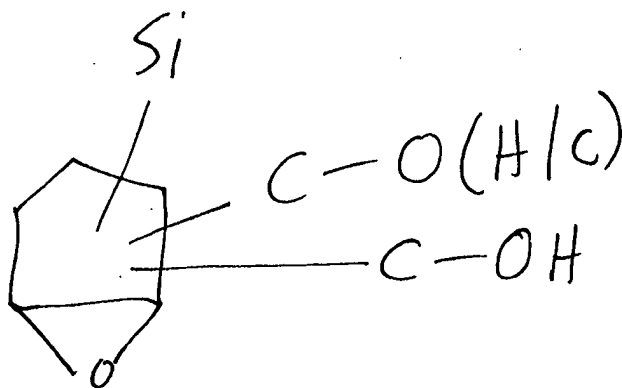
Mailbox

5C18

ME

## Search Topic:

Please write a detailed statement of search topic. Describe specifically as possible the subject matter to be searched. Define any terms that may have a special meaning. Give examples or relevant citations, authors, keywords, etc., if known. For sequences, please attach a copy of the sequence. You may include a copy of the broadest and/or most relevant claim(s).



101734012

RECEIVED

JUL 29 1964

1610

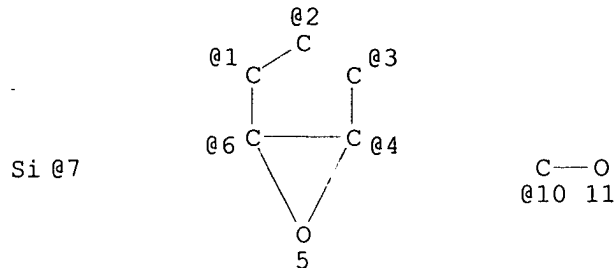
1134  
1134

Claim 41-42

Replacement

Bueh  
03/39554C

=> d l3 que stat;d 1-4 ide cbib abs  
L1 STR



VPA 7-1/2/3/4/6 U  
VPA 10-6/1/2/3/4 U  
VPA 8-6/1/2/3/4 U  
NODE ATTRIBUTES:  
DEFAULT MLEVEL IS ATOM  
DEFAULT ECLEVEL IS LIMITED

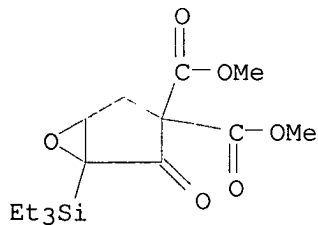
GRAPH ATTRIBUTES:  
RING(S) ARE ISOLATED OR EMBEDDED  
NUMBER OF NODES IS 11

STEREO ATTRIBUTES: NONE  
L3 4 SEA FILE=REGISTRY SSS FUL L1

100.0% PROCESSED 27242 ITERATIONS  
SEARCH TIME: 00.00.01

4 ANSWERS

L3 ANSWER 1 OF 4 REGISTRY COPYRIGHT 2004 ACS on STN  
RN 217824-57-2 REGISTRY  
CN 6-Oxabicyclo[3.1.0]hexane-3,3-dicarboxylic acid, 2-oxo-1-(triethylsilyl)-,  
dimethyl ester (9CI) (CA INDEX NAME)  
FS 3D CONCORD  
MF C15 H24 O6 Si  
SR CA  
LC STN Files: CA, CAPLUS, CASREACT  
DT.CA Caplus document type: Journal  
RL.NP Roles from non-patents: PREP (Preparation)



Searched by: Mary Hale 571-272-2507 REM 1D86

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 130:66336 A new enantioselective synthesis of highly functionalized cyclopentanols. Humiliere, Delphine; Thorimbert, Serge; Malacria, Max (Laboratoire Chimie Organique Synthèse, Université Pierre et Marie Curie, Paris, F-75252, Fr.). Synlett (11), 1255-1257 (English) 1998. CODEN: SYNLES. ISSN: 0936-5214. Publisher: Georg Thieme Verlag.

AB Enantiopure epoxy alcs. bearing a di-Me malonate function tethered by a methylene group spontaneously cyclize into the corresponding cyclopentanols under mild oxidative conditions. These functionalized substrates react efficiently and highly stereoselectively.

L3 ANSWER 2 OF 4 REGISTRY COPYRIGHT 2004 ACS on STN

RN 217824-56-1 REGISTRY

CN 6-Oxabicyclo[3.1.0]hexane-3,3-dicarboxylic acid, 4-oxo-1-(triethylsilyl)-, dimethyl ester (9CI) (CA INDEX NAME)

FS 3D CONCORD

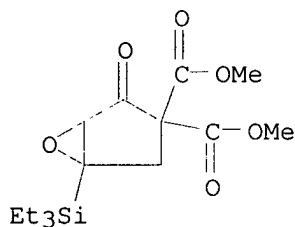
MF C15 H24 O6 Si

SR CA

LC STN Files: CA, CAPLUS, CASREACT

DT.CA Caplus document type: Journal

RL.NP Roles from non-patents: PREP (Preparation)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 130:66336 A new enantioselective synthesis of highly functionalized cyclopentanols. Humiliere, Delphine; Thorimbert, Serge; Malacria, Max (Laboratoire Chimie Organique Synthèse, Université Pierre et Marie Curie, Paris, F-75252, Fr.). Synlett (11), 1255-1257 (English) 1998. CODEN: SYNLES. ISSN: 0936-5214. Publisher: Georg Thieme Verlag.

AB Enantiopure epoxy alcs. bearing a di-Me malonate function tethered by a methylene group spontaneously cyclize into the corresponding cyclopentanols under mild oxidative conditions. These functionalized substrates react efficiently and highly stereoselectively.

L3 ANSWER 3 OF 4 REGISTRY COPYRIGHT 2004 ACS on STN

RN 217824-55-0 REGISTRY

CN 6-Oxabicyclo[3.1.0]hexane-3,3-dicarboxylic acid, 2-hydroxy-1-(triethylsilyl)-, dimethyl ester, (1R,2R,5R)-rel- (9CI) (CA INDEX NAME)

FS STEREOSEARCH

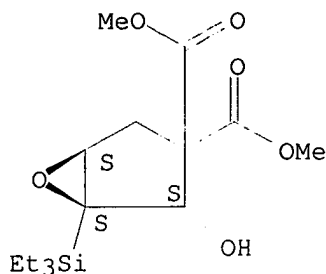
MF C15 H26 O6 Si

SR CA

LC STN Files: CA, CAPLUS, CASREACT

DT.CA Caplus document type: Journal  
RL.NP Roles from non-patents: PREP (Preparation)

Relative stereochemistry.



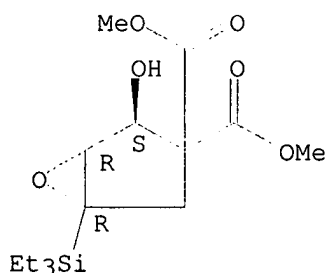
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 130:66336 A new enantioselective synthesis of highly functionalized cyclopentanol. Humiliere, Delphine; Thorimbert, Serge; Malacria, Max (Laboratoire Chimie Organique Synthèse, Université Pierre et Marie Curie, Paris, F-75252, Fr.). Synlett (11), 1255-1257 (English) 1998. CODEN: SYNLES. ISSN: 0936-5214. Publisher: Georg Thieme Verlag.  
AB Enantiopure epoxy alcs. bearing a di-Me malonate function tethered by a methylene group spontaneously cyclize into the corresponding cyclopentanol under mild oxidative conditions. These functionalized substrates react efficiently and highly stereoselectively.

L3 ANSWER 4 OF 4 REGISTRY COPYRIGHT 2004 ACS on STN  
RN 217824-54-9 REGISTRY  
CN 6-Oxabicyclo[3.1.0]hexane-3,3-dicarboxylic acid, 4-hydroxy-1-(triethylsilyl)-, dimethyl ester, (1R,4S,5R)-rel- (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C15 H26 O6 Si  
SR CA  
LC STN Files: CA, CAPLUS, CASREACT  
DT.CA Caplus document type: Journal  
RL.NP Roles from non-patents: PREP (Preparation)

Relative stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)

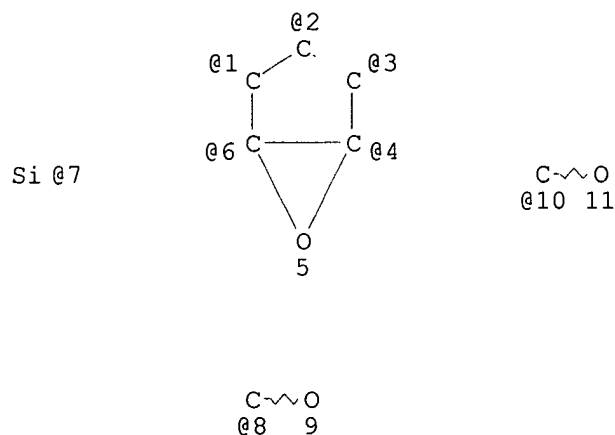
Searched by: Mary Hale 571-272-2507 REM 1D86

# 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 130:66336 A new enantioselective synthesis of highly functionalized cyclopentanol. Humiliere, Delphine; Thorimbert, Serge; Malacria, Max (Laboratoire Chimie Organique Synthese, Universite Pierre et Marie Curie, Paris, F-75252, Fr.). Synlett (11), 1255-1257 (English) 1998. CODEN: SYNLES. ISSN: 0936-5214. Publisher: Georg Thieme Verlag.

AB Enantiopure epoxy alcs. bearing a di-Me malonate function tethered by a methylene group spontaneously cyclize into the corresponding cyclopentanol under mild oxidative conditions. These functionalized substrates react efficiently and highly stereoselectively.

=> => d l6 que stat;s l6 not l3  
L4 STR



VPA 7-1/2/3/4/6 U  
VPA 10-6/1/2/3/4 U  
VPA 8-6/1/2/3/4 U  
NODE ATTRIBUTES:  
DEFAULT MLEVEL IS ATOM  
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:  
RING(S) ARE ISOLATED OR EMBEDDED  
NUMBER OF NODES IS 11

STEREO ATTRIBUTES: NONE  
L6 4 SEA FILE=REGISTRY SSS FUL L4

100.0% PROCESSED 27242 ITERATIONS 4 ANSWERS  
SEARCH TIME: 00.00.01

L7 0 L6 NOT L3

=> log y		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	328.86	329.28
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-2.64	-2.64

Searched by: Mary Hale 571-272-2507 REM 1D86

STN INTERNATIONAL LOGOFF AT 11:38:19 ON 29 JUN 2004

Searched by: Mary Hale 571-272-2507 REM 1D86